

IN THE CLAIMS

1. (Currently Amended): A module for screening or diverting particulate material comprising either one of a screening member having a unitary, single-level structure including an array of sieve apertures of a predetermined size defined therein for allowing particulate material up to the predetermined size to pass through the module or a diverting member having a unitary, single-level structure for redirecting the flow path of the said particulate material, the screening and diverting member including a frame engagement member, extending downwardly from a lower surface of the screening or diverting member, for interlockingly mounting the screening or diverting member onto a reinforcing support frame such that the screening or diverting member is readily attachable to and detachable therefrom, and such that particulate material passing through the screening member passes through the reinforcing support frame, the screening or diverting member comprising a substantially rectangular shape having a plurality of corners and being further interlockingly mountable onto a plurality of posts such that the screening or diverting member is readily detachable therefrom, wherein each said post is substantially connected to a single corner of the screening or diverting member.

2. (Original): A module according to claim 1, wherein said screening or diverting member and said frame are configured to mate with a portion of each of said posts by snap-fit engagement.

3. (Currently Amended): A module according to claim 1, wherein said ~~screening or diverting member comprises a substantially rectangular shape having a plurality of corners, and wherein a plurality of post engagement members are connected at a plurality of the corners of the screening or diverting member for interlockingly mounting said screening or diverting member to said posts~~ engagement members have a substantially circular cross-sectional configuration.

4. (Cancelled)

5. (Previously presented): A module according to claim 1, wherein at least a portion of a surface of said screening or diverting member includes a gripping surface for engaging a complementary gripping surface on an engagement surface of said frame, thereby

providing increased frictional mating engagement between said screening or diverting member and said frame.

6. (Original): A module according to claim 1, wherein each of said posts is joined to a mounting piece.

7. (Original): A module according to claim 6, wherein said mounting piece comprises a structural bar, a rod, or a tube.

8. (Previously presented): A module according to claim 1, wherein each said frame engagement member comprises at least one detent member.

9. (Previously presented): A module according to claim 1, wherein the portion of the screening member defining the array of sieve apertures, or the portion of the diverting member redirecting the flow path of the said particulate material, is formed of at least one polymeric material.

10. (Previously presented): A module according to claim 8, wherein each detent member includes a locking tab.

11. (Previously presented): A module according to claim 1, which is placed over the reinforcing support frame so that the frame engagement member extends along inwardly facing surfaces of the reinforcing support frame.

12. (Previously presented): A module according to claim 10, wherein each locking tab engages the reinforcing support frame.

13. (Previously presented): A module according to claim 1, which includes a substantially rectangular upper screening member.

14. (Previously presented): A module according to claim 1, wherein said frame engagement members comprise substantially planar extensions having inwarding and outwarding facing sides.

15. (Previously presented): A module according to claim 8, wherein said detent member includes a gripping surface for engaging a complementary gripping surface on an engagement surface of said frame.

16. (Original): A module according to claim 1, wherein said screening or diverting member defines a plurality of receptacles, each receptacle receiving and retaining a portion of each of said posts.

17. (Previously presented): A module according to claim 1, wherein said screening or diverting member includes a frame engagement member extending from a lower surface thereof for readily and interlockably mounting said module onto at least one said frame.

18. (Cancelled)

19. (Cancelled)

20. (Previously presented): A module according to claim 15, wherein said gripping surface on said detent member is located along its outwardly facing side.

21. (Currently Amended): A method for producing a module for screening or diverting particulate material, comprising:

forming a module comprising either one of a screening member having a unitary, single-level structure including an array of sieve apertures of a predetermined size defined therein for allowing particulate material up to the predetermined size to pass through the module and a diverting member a unitary, single-level structure including for redirecting the flow path of the said particulate material, the screening and diverting member comprising a substantially rectangular shape having a plurality of corners and including a frame engagement member, extending downwardly from a lower surface of the screening or diverting member, for interlockingly mounting the screening or diverting member onto a reinforcing support frame such that the screening or diverting member is readily attachable to and detachable therefrom; and

configuring said screening or diverting module for interlockingly and detachably mountability onto a reinforcing support frame and substantially connecting a single corner

onto each of a plurality of posts which removably and interlockingly support a reinforcing support frame, said module being disposable over at least a portion of at least one of the posts,

the module being positionable on the reinforcing support frame so that particulate material passing through the screening module passes through the reinforcing support frame.

22. (Original): A method according to claim 21, wherein said screening or diverting member and said frame are configured to mate with a portion of each of said posts by snap-fit engagement.

23. (Currently Amended): A method according to claim 21, wherein said ~~screening or diverting member comprises a substantially rectangular shape having a plurality of corners, and wherein a plurality of post engagement members are located at each of the corners of the screening or diverting member for interlockingly mounting said screening or diverting member to~~ each of said posts have a substantially circular cross-sectional configuration.

24. (Cancelled)

25. (Previously presented): A method according to claim 21, wherein at least a portion of a surface of said screening or diverting member includes a gripping surface for engaging a complementary gripping surface on an engagement surface of said frame, thereby providing increased frictional mating engagement between said screening or diverting member and said frame.

26. (Original): A method according to claim 21, wherein each of said posts is joined to a mounting piece.

27. (Original): A method according to claim 26, wherein each said mounting piece comprises a structural bar, a rod, or a tube.

28. (Previously presented): A method according to claim 21, where each said frame engagement member comprises at least one detent member.

29. (Previously presented): A method according to claim 21, wherein the portion of the screening member defining the array of sieve apertures, or the portion of the diverting member redirecting the flow path of the said particulate material, is formed of at least one polymeric material.

30. (Previously presented): A method according to claim 28, wherein each detent member includes a locking tab.

31. (Previously presented): A method according to claim 21, in which the module is placed over the reinforcing support frame so that the frame engagement member extends along inwardly facing surfaces of the reinforcing support frame.

32. (Previously presented): A method according to claim 34, wherein each locking tab engages the reinforcing support frame.

33. (Previously presented): A method according to claim 21, which includes a substantially rectangular upper screening member

34. (Previously presented): A method according to claim 21, wherein said frame engagement members comprise substantially planar extensions having inwarding and outwarding facing sides.

35. (Currently Amended): A method according to claim 24, wherein said detent member includes a gripping surface for engaging a complementary gripping surface on an engagement surface of said frame.

36. (Original): A method according to claim 21, wherein said screening or diverting member defines a plurality of receptacles, each receptacle receiving and retaining a portion of each of said posts.

37. (Previously presented): A method according to claim 21, wherein said screening or diverting member includes a frame engagement member extending from a lower surface thereof for readily and interlockably mounting said module onto at least one said frame.

38. (Cancelled)

39. (Cancelled)

40. (Previously presented): A method according to claim 35, wherein said gripping surface on said detent member is located along its outwardly facing side.

41. (Currently amended): A module for screening or diverting particulate material comprising either one of a screening member having a unitary, single-level structure including an array of sieve apertures of a predetermined size defined therein for allowing particulate material up to the predetermined size to pass through the module or a diverting member having a unitary, single-level structure for redirecting the flow path of the said particulate material, the screening and diverting member including a frame engagement member extending downwardly from a lower surface of the screening or diverting member, for interlockingly mounting the screening or diverting member onto a reinforcing support frame such that the screening or diverting member is readily attachable to and detachable therefrom, and such that particulate material passing through the screening member passes through the reinforcing support frame, the frame engagement member comprising a detent extending downwardly from a lower surface of the screening or diverting member for readily and interlockingly mounting the screening or diverting member onto said frame, the screening or diverting member being further interlockingly mountable onto a plurality of posts such that the screening or diverting member is readily detachable therefrom, wherein the screening or diverting member comprises a substantially rectangular shape having a plurality of corners, wherein each said post is substantially connected to a single corner of the screening or diverting member.

42. (New) A module according to claim 41, having a substantially circular cross-sectional configuration